

PTO-1449 REPRODUCED				ATTORNEY DOCKET NO. 0725.1056001		APPLICATION NO. 09/347,175	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION March 20, 2000 (Use several sheets if necessary)				APPLICANT James M. Hogle et al.			
				FILING DATE July 1, 1999		GROUP 1645	
PATENT DOCUMENTS							
EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
	AL						
	AM						
	AN						
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
Rt	AR	Kuo, M.Y.P., et al., "Initiation of Replication of the Human Hepatitis Delta Virus Genome from Cloned DNA: Role of Delta Antigen," <i>J. Virol.</i> , 63(5):1945-1950 (1989).					
Rt	AS	Wang, K.S., et al., "Structure, Sequence and Expression of the Hepatitis Delta (Delta) Viral Genome," <i>Nature</i> , 323(6088):508-14 (1986).					
Rt	AT	Wu, H., et al., "Human Hepatitis Delta Virus RNA Subfragments Contain an Autocleavage Activity," <i>Proc. Natl. Acad. Sci. USA</i> , 86:1831-1835 (1989).					
Rt	AU	Wu, H.N. and Lai, M.M.C., "Reversible Cleavage and Ligation of Hepatitis Delta Virus RNA," <i>Science</i> , 243:652-654 (1989).					
Rt	AV	Sharmeen, L., et al., "Antigenomic RNA of Human Hepatitis Delta Virus can Undergo Self-Cleavage," <i>J. Virol.</i> , 62:2674-2679 (1988).					
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

R7	AX2	Xia, Y.P., et al., "Characterization of Nuclear Targeting Signal of Hepatitis Delta Antigen: Nuclear Transport as a Protein Complex," <i>J. Virol.</i> , 66:914-921 (1992).
R7	AY2	Lee, C.Z., et al., "RNA-Binding Activity of Hepatitis Delta Antigen Involves Two Arginine-Rich Motifs and is Required for Hepatitis Delta Virus RNA Replication," <i>J. Virol.</i> , 67:2221-2227 (1993).
R7	AZ2	Lazinski, D.W. and Taylor, J.M., "Relating Structure to Function in the Hepatitis Delta Virus Antigen," <i>J. Virol.</i> , 67:2672-2680 (1993).
R7	AR3	deBruin, W., et al., "In Vitro Binding Properties of the Hepatitis Delta Antigens to the Hepatitis B Virus Envelope Proteins: Potential Significance for the Formation of Delta Particles," <i>Virus Res.</i> , 31:27-37 (1994).
R7	AS3	Hwang, S.B. and Lai, M.M.C., "A Unique Conformation at the Carboxyl Terminus of the Small Hepatitis Delta Antigen Revealed by a Specific Monoclonal Antibody," <i>Virology</i> , 193:924-931 (1993).
R7	AT3	Rozzelle, J.E., Jr., et al., "Self-Association of a Synthetic Peptide from the N Terminus of the Hepatitis Delta Virus Protein into an Immunoreactive Alpha-Helical Multimer," <i>Proc. Natl. Acad. Sci. USA</i> , 92:382-386 (1995).
R7	AU3	Wang, J.G., et al., "Immunogenic Domains of Hepatitis Delta Virus Antigen: Peptide Mapping of Epitopes Recognized by Human and Woodehuek Antibodies," <i>J. Virol.</i> , 64:1108-1116 (1990).
R7	AV3	Chang, M.F., et al., "Nuclear Localization Signals, but not Putative Leucine Zipper Motifs, are Essential for Nuclear Transport of Hepatitis Delta Antigen," <i>J. Virol.</i> , 66:6019-6027 (1992).
R7	AW3	Poisson, F., et al., "Characterization of RNA-Binding Domains of Hepatitis Delta Antigen," <i>J. Gen. Virol.</i> 74:2473-2478 (1993).
R7	AX3	Poisson, F., et al., "Direct Investigation of Protein RNA-Binding Domains Using Digoxigenin-Labelled RNAs and Synthetic Peptides: Application to the Hepatitis Delta Antigen," <i>J. Virol. Methods</i> , 55(3):381-389 (1995).
R7	AY3	Brazas, R. and Ganem, D., "A Cellular Homolog of Hepatitis Delta Antigen-Implications for Viral Replication and Evolution," <i>Science</i> , 274:90-94 (1996).
R7	AZ3	Soisson, S.M., et al., "Structural Basis for Ligand-Regulated Oligomerization of AraC," <i>Science</i> , 276:421-425 (1997).
R7	AR4	Bussiere, D.E., et al., "Crystal Structure of the Replication Terminator Protein from <i>B. Subtilis</i> at 2.6 Angstrom," <i>Cell</i> , 80:651-660 (1995).
R7	AS4	Dingle, K., et al., "Initiation of Hepatitis Delta Virus Genome Replication," <i>J. Virol.</i> , 72(6):4783-4788 (1998).
R7	AT4	Zuccola, H.J., et al., "Structural Basis of the Oligomerization of Hepatitis Delta Antigen," <i>Structure</i> , 6(7):821-30 (1998).

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DATE CONSIDERED

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R2	AW	Kuo, M., et al., "Characterization of Self-Cleaving RNA Sequences on the Genome and Antigenome of Human Hepatitis Delta Virus," <i>J. Virol.</i> , 62:4439-4444 (1988).			
R2	AX	Sharmeen, L., et al., "Self-Ligating RNA Sequences on the Antigenome of Human Hepatitis Delta Virus," <i>J. Virol.</i> , 63:1428-1430 (1989).			
R2	AY	Makino, S., et al., "Molecular Cloning and Sequencing of a Human Hepatitis Delta (Delta) Virus RNA," <i>Nature</i> , 329:343-346 (1987).			
R2	AZ	Chang, M.F., et al., "Mutational Analysis of Delta Antigen: Effect on Assembly and Replication of Hepatitis Delta Virus," <i>J. Virol.</i> , 68:646-653 (1994).			
R2	AR2	Chang, M.F., et al., "Human Hepatitis Delta Antigen is a Nuclear Phosphoprotein with RNA-binding Activity," <i>J. Virol.</i> 62:2403-2410 (1988).			
R2	AS2	Lin, J.H., et al., "Characterization of Hepatitis Delta Antigen: Specific Binding to Hepatitis Delta Virus RNA," <i>J. Virol.</i> , 64:4051-4058 (1990).			
R2	AT2	Chao, M., et al., "The Antigen of Hepatitis Delta Virus: Examination of <i>In Vitro</i> RNA-Binding Specificity" <i>J. Virol.</i> , 65:4057-4062 (1991).			
R2	AU2	Xia, Y.P. and Lai, M.M.C., "Oligomerization of Hepatitis Delta Antigen is Required for both the <i>trans</i> -activating and <i>trans</i> -dominant Inhibitory Activities of the Delta Antigen," <i>J. Virol.</i> , 66:6641-6648 (1992).			
R2	AV2	Wang, J.G., et al., "Hepatitis Delta Virus Antigen Forms Dimers and Multimeric Complexes <i>In Vivo</i> ," <i>J. Virol.</i> 67:446-454 (1993).			
R2	AW2	Chang, M.F., et al., "Functional Motifs of Delta Antigen Essential for RNA Binding and Replication of Hepatitis Delta Virus," <i>J. Virol.</i> , 67:2529-2536 (1993).			
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